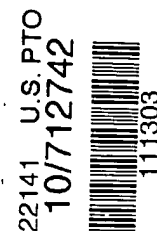


PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Patent Application Transmittal

Commissioner for Patents
P.O. Box 1450
Mail Stop Patent Application
Alexandria, VA 22313-1450
Sir:



Transmitted herewith for filing is the Patent Application of:

Inventor: Gerald Keith Bartley, et al.

For: METHOD AND APPARATUS FOR IMPLEMENTING AUTOMATED
ELECTRONIC PACKAGE TRANSMISSION LINE CHARACTERISTIC
IMPEDANCE VERIFICATION

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION

ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are:

- ☒ 12 Pages of Specification and 1 Abstract
- ☒ 5 Sheets of Drawings
- ☒ A Declaration and Power of Attorney
- ☐ An Information Disclosure Statement and form PTO-1449
- ☐ A certified copy of Japanese Application
- ☒ An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504

The filing fee has been calculated as follows:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	<u>17</u> -20 =	0
Indep. Claims	<u>3</u> -3 =	0
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity

Rate	Fee
	\$ 770.00
x \$18.00=	0.00
x \$86.00=	0.00
\$280.00	\$ 0.00
TOTAL	\$ 770.00

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EF385812782US

Date: November 13, 2003

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to the Commissioner for Patents, P.O. Box 1450, Mail Stop Patent Application, Alexandria, VA 22313-1450.

Debra A. Peterson

Debra A. Peterson

Deposit Account Authorization:

- ☒ Please charge Deposit Account No. 09-0465 in the amount of \$ 770.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.
- ☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

Date: November 13, 2003

By Robert R. Williams
Robert R. Williams, Patent Agent
Registration No. 48,395

IBM Corporation
Intellectual Property Law, Dept. 917
3605 Highway 52 North
Rochester, MN 55901

(507) 253-2761 voice
(507) 253-2382 fax